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ABSTRACT

This resource guide was compiled as an aid to education libraries (i.e., libraries that support teacher training and education). It is intended as a tool for teachers, administrators, professors, students of education, and librarians. The focus of the listing, which covers the most important and useful electronic resources currently available in the field, is on elementary and secondary education, including special education, bilingual education, child development, and exceptional child education; resources in the areas of child abuse, mental health, and sociology are also included. A total of 35 resources are divided into 6 major categories: education specific sources, interdisciplinary sources, directory sources, sources of foreign materials, sources of assessment, and participatory sources. Information on the provider, type of database, file size, timespan covered, update frequency, target audience, database content, sources of information, availability, and print counterpart is presented for each resource. Internet resources and education journals online are also listed, and a directory of 29 providers and 13 vendors is included. A list of 8 sources used to compile the guide and 13 sources for further reading and assessment completes the document. (ALF)

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ED354859

Electronic Resources in Education

An annotated guide to resources in primary and secondary education

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

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Compiled by Kristin Freda

December 10, 1992

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TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

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ELECTRONIC RESOURCES IN EDUCATION

This resource guide was compiled as an aid to education libraries. That is, libraries which support teacher training and education. It is a valuable tool for teachers, administrators, professors, and students of education, as well as for librarians. The focus of the listing is on primary and secondary education rather than higher education. The guide includes special education, bilingual education, child development, and exceptional child education.

Libraries which support education and educational research must consider many types of sources for collection development. They should collect in the sciences, social sciences, and humanities, as well as education specific sources such as text-books, curriculum materials, and monographs and serials in education. In order to accommodate such a wide variety of materials, the scope of this resource guide goes beyond educational sources and lists resources in the areas of child abuse, mental health, sociology, etc. I've divided the resources into 7 major categories: education specific sources, interdisciplinary sources, directory sources, sources of foreign materials, sources of assessment, participatory sources, and resources on the Internet. I've chosen to include 3 resources covering Canadian and British materials for four reasons: they are in English, they are easier to associate with in terms of geographic proximity (as opposed to Australia and New Zealand), and they are important resources within their own countries. Also, the research that goes on these and other countries cannot be overlooked, and is useful for comparative analysis.

The primary language used in each of these resources is English. I've specified the language in the few cases otherwise. The target audience of each resource is also specified only

if it varies from my defined user group: teachers, administrators, librarians, professors of and students of education.

The resource guide has a few limits. First of all, although it is comprehensive, it does not cover the entire universe of educational materials. However, there is quite a bit of overlap where some sources look like others or encompass others entirely. I chose to list such sources because certain libraries may use one vendor, covering a specific resource while another library may use a different vendor, which carries the overlapping resource. Therefore, availability becomes broadened.

I've chosen not to include pricing which changes often and becomes confusing, especially when many different vendors with their own pricing structures carry the same resource. Instead, I've included a list of providers and vendors addresses and phone numbers so one can get up to date information on pricing. Also, the Internet section of this guide is not comprehensive. With little written documentation, it is difficult to discover exactly what exists on the Internet. However, the listing I've provided is probably enough to get one started on the Internet where more resources will become apparent.

Finally, I've tried to cover the limits of CD-ROMS and Print as opposed to the databases. I did not compare differences in search strategy or facility in searching, however. Rather, I discussed update frequency and timespan covered. It may be easier or harder for someone to search a database, depending on their experience and expertise.

I've compiled Electronic Resources in Education in order to ease the arduous process of locating important electronic resources in the field of education. This comprehensive listing covers the most important and useful resources available at this time.

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Education Specific Sources

A-V Online

Provider: Access Innovations, Inc.
Type of Database: Bibliographic
File Size: 320,000 records
Timespan Covered: 1913 to the present
Update Frequency: quarterly
Target Audience: Libraries and media centers in school districts and higher education.

Database Description: This database provides full bibliographic descriptions on nonprint media for education in all fields and at all levels. These materials exist in the following media: 16mm films, 35mm filmstrips, motion picture cartridges, videotapes, overhead transparencies, phonograph records, audiotapes, slides, and compact discs.

Sources of Information: U.S. Library of Congress, publishers, producers, and distributors.

Availability: Online: DIALOG Information Services, Inc.(File 46). Covers 1964 to the present with selective earlier coverage; Knowledge Index. (File EDUC4). CD-Rom: SilverPlatter Information Inc; The Faxon Company. Magnetic Tape: Provider. NOTE: The CD-ROM version of A-V Online is updated annually.

Print Counterpart: In order to look this information up in print one would have to consult the following separate sources: Film and Video Finder (yearly - contains the NICEM Index to 16mm Educational Films and the NICEM Index to Educational Videotapes); Index to 35mm Educational Filmstrips (yearly); Index to Producers and Distributors (yearly); and Audiocassette Finder (yearly). The database also differs from the print source in that it is searchable in full text and each citation is displayed with its distributor and address.

Bilingual Education Bibliographic Abstracts

Provider: National Clearinghouse for Bilingual Education (NCBE)
Type of Database: Bibliographic; directory
File Size: 16,000 records
Timespan Covered: 1978 to the present
Update Frequency: Continuous

Database Description: Covers published literature, resource organizations, and publishers in the field of bilingual and minority language education. Comprises the following three files: NCBE - bibliographic abstracts of general information; REDB - directory of resource organizations; PUBS - directory of publishers and distributors serving minority language

education. Includes curriculum and instructional materials, adult education, teacher education, parent role, testing, culture, and English as a Second Language.

Sources of Information: Journals, newsletters, newspapers, books, conference papers, theses, government documents, reports and classroom materials, current research projects, government agencies, publishers, resource organizations, and other bilingual education centers.

Availability: Online: Provider

Children's Reference Plus

Provider: R.R. Bowker Company
Type of Database: Bibliographic; directory; full-text
First Available: 1990
Timespan Covered: Current.
Update Frequency: Annual
Target Audience: School librarians, teachers, students of education.

CD-ROM Description: Provides information on reading and literature resources and movies for children and young adults. Comprises the following categories of information: reading and literature - contains descriptions and order information for children's titles, book reviews in full-text, and bibliographies - lists of such things as "best books for children."

Availability: Bowker Electronic Publishing

Print Counterparts: This CD-ROM gathers information from several sources such as Children's Books in Print (yearly); School Library Journal, Booklist, Magazines for School Libraries, Reference Books for Young Readers, etc. The CD differs from the print sources in that all the information exists in one place, is updated more frequently, and is searchable in full text.

Complete Maths Workshop

Provider: FormatPC
Type of CD-ROM: Numeric
First Edition: 1990
Target Audience: Teachers and their students; students of education

CD-ROM Description: A complete set of 233 computer based learning modules covering mathematics up to the age of 16. Built in assessments and student records.

Availability: Provider.

Education Daily

Provider: Capitol Publications, Inc.
Type of Database: full-text
Timespan Covered: 1988 to the present
Update Frequency: daily

Database Description: Provides up to the minute reports on national, state, and local events of interest to top-level education officials. This comprises federal and state education policy, including legislation and litigation, educational practice, labor relations, civil rights, lobbying groups and activities, funding sources, regulations, application dates, conferences, and related matters.

Sources of Information: The U.S. Congress, U.S. Supreme Court, Department of Education, White House, state legislatures and courts, and local education agencies.

Availability: Online: NewsNet, Inc. File ED08

Print Counterpart: Education Daily (five per week). The database differs from the print source in that is searchable in full text. However, the print version dates back to 1968, covering a greater timespan.

Education Index

Provider: H.W. Wilson Company
Type of Database: Bibliographic.
File Size: 205,000 records.
Timespan Covered: June 1983 to the present.
Update Frequency: Twice weekly.
User Aids: WILSONLINE Guide and Documentation - contains detailed descriptions of commands, plus tutorials for the database.

Database Description: Provides references to international English-Language journal literature, yearbooks, and monographs in all areas of education, including preschool, elementary, secondary, higher, adult, and continuing education. Some specific topics include educational administration and supervision, teaching methods, curriculum, trends in government funding, and teacher evaluation.

Sources of Information: 339 periodical titles; yearbooks and monographs.

Availability: Online: WILSONLINE. (File ED1). CD-ROM: WILSONDISC; The Faxon Company. Magnetic Tape: WILSONTAPE. NOTE: The CD-ROM version of Education Index is only updated quarterly.

Print Counterpart: Education Index (issued monthly, except July and August, with quarterly and annual cumulations). The database differs from the print source in that it is updated more frequently. However, the print source dates back to 1929, covering a greater timespan.

Education Library

Provider: OCLC Online Computer Library Center, Inc.
Former Name: Education Materials in Libraries
Type of CD-ROM: Bibliographic
File Size: 450,000
Timespan Covered: 1501 to the present (primarily the 20th century)
Update Frequency: Annual

CD-ROM Description: Contains full bibliographic and cataloging information for English and foreign language educational materials published in all formats, selected from the OCLC Online Union Catalog (OLUC).

Sources of Information: Books, journals, newspapers, audiovisual materials, recordings, videocassettes, archival material manuscripts, filmstrips, microforms, and slides from the OCLC Online Union Catalog.

Availability: CD-ROM: OCLC Online Computer Library Center, Inc. (Search CD450); The Faxon Company

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ERIC

Provider: US Department of Education
Type of Database: Bibliographic.
File Size: 725,000 records.
Timespan Covered: 1966 to the present.
Update Frequency: Monthly.
User Aids: Thesaurus of Eric Descriptors - provides subject access to Eric.

Database Description: Contains citations and abstracts of education-related literature, including descriptions of exemplary programs, research and development reports, and related documentary information that can be used in developing more effective educational programs. Journal literature is covered in the Current Index to Journals in Education (CIJE) subfile, while document literature is covered in the Resources in Education (RIE) subfile. Specific subjects include child development, classroom techniques, computer education, counseling and testing, educational administration, and urban and rural education.

Availability: Online: BRS Information Technologies, BRS/After Dark, BRS/COLLEAGUE (File ERIC); OCLC EPIC (File 1); OCLC FirstSearch Catalog (File ERIC); DIALOG Information Services, Inc. (File 1); Knowledge Index (File EDUC1). CD-ROM: DIALOG OnDisc; OCLC

Search CD450; SilverPlatter Information, Inc. Magnetic Tape: Provider. NOTE: ERIC on CD is updated quarterly, not monthly.

Sources of Information: Educational reports, journal articles, descriptions of ongoing projects, curriculum guides. Approximately 350,000 documents are scanned annually for Resources in Education and more than 775 journals are scanned for the Current Index to Journals in Education.

Print Counterparts: Current Index to Journals in Education (Monthly), Resources in Education (Monthly). The database differs from the print in that all the resources exist in one place. Also one can search for works in the abstract as well as other access points.

Exceptional Child Education Resources (ECER)

Provider: Council for Exceptional Children (CEC)
Former Name: Exceptional Child Education Abstracts
Type of Database: Bibliographic
File Size: 60,000 records
Timespan Covered: 1966 to the present
Update Frequency: Monthly
User Aids: Uses Thesaurus of Eric Descriptors for subject access.

Database Description: Provides abstracts and citations to published and unpublished materials covering research, education policy, and services for gifted and handicapped children. Coverage includes visual, aural, and mental handicaps and children with learning disabilities, emotional disturbances, and speech handicaps.

Sources of Information: Books, government reports, research reports, teaching guides, curriculum guides, doctoral dissertations, and 200 journals.

Availability: Online: BRS Information Technologies, BRS/After Dark, BRS COLLEAGUE (File ECER); DIALOG Information Services, Inc. (File 54)

Print Counterpart: Exceptional Child Education Resources (quarterly with annual index). The database is updated more frequently than the print source.

International Encyclopaedia of Education

Provider: Pergamon Press plc
Type of CD-ROM: Full-text; images
First Edition: 1988
Update Frequency: biennial

CD-ROM Description: Contains full text of 1448 descriptive articles written by over 1300

prominent educators covering all aspects of educational research, human development, evaluation, research and assessment methodologies, theory and economics of education, vocational training techniques. Many of the articles are accompanied by tables, graphs and charts which help to provide useful insights into the subject matter.

Availability: Provider

Print Counterpart: International Encyclopaedia of Education The CD offers full text searching for greater access.

Microcomputers in Education

Provider: Custom Publishing Services
Type of Database: full-text
Timespan Covered: October 1985 to the present
Update Frequency: Monthly

Database Description: Contains new educational software product information and reviews, education news, book reviews, and hardware information.

Availability: Online: NewsNet, Inc. File EC59

Print Counterpart: Microcomputers in Education (ten per year). The database offers full text searching capabilities for greater access. However, the print version dates back to 1980, covering a greater timespan.

Monographs in Education

Provider: International Archives Institute, Inc. (InterArc)
Type of Database: Index
Timespan Covered: Current
Update Frequency: Undecided, either annually or semiannually

Database Description: A compilation of the complete back of book indexes of hundreds of selected monographs.

Sources of Information: Selected monographs in education as listed in Books for College Libraries.

Availability: CD-ROM: Producer. Magnetic Tape: Producer.

Science Helper K-8

Provider: University of Florida
Type of CD-ROM: Full-text, images, numeric
First Edition: 1987
Update Frequency: As required
Target Audience: Teachers and students of education

CD-ROM Description: Contains nearly 1000 public domain science and mathematics lesson plans for children from kindergarten through grade 8. Allows searching by grade, subject, contact and process skills. Selected records can be displayed as an abstract or full-text.

Availability: Provider

Print Counterpart: National Science Foundation Curriculum Materials. The CD offers greater access to material by allowing full text searching.

Interdisciplinary Sources

Child Abuse and Neglect

Provider: US National Center on Child Abuse and Neglect (NCCAN)
Type of Database: Bibliographic; directory
File Size: 17,370 records
Timespan Covered: 1967 to the present
Update Frequency: Semiannual

Database Description: Covers publications, programs, research projects, and laws concerning chid abuse and neglect. Comprises the following five files: Annotated citations to published literature and court decisions; descriptions of service programs; descriptions of ongoing research projects; excerpts of current state laws; and descriptions of audiovisual materials.

Sources of Information: Journals, abstracting and indexing publications, newsletters, directories, questionnaires, and personal interviews with professionals in the field.

Availability: Online: DIALOG Information Services, Inc. (File 64)

Print Counterpart: Child Abuse and Neglect Audiovisual Materials. The print counterpart only offers one small facet of what is available on this database.

Mental Health Abstracts

Provider: IFI/Plenum Data Corporation
Former Name: NIMH Data Base
Type of Database: Bibliographic
File Size: 480,000 records
Timespan Covered: 1969 to the present
Update Frequency: Monthly
User Aids: Mental Health Abstracts User's Guide

Database Description: Provides citations and abstracts of worldwide journal articles, books, research reports, program data, and other materials on all aspects of mental health and mental illness. This includes psychology, psychiatry, alcoholism, behavioral medicine, child psychology, drug abuse, education, etc.

Sources of Information: Over 1000 periodicals and edited books, research reports, monographs, dissertations, conference proceedings, government reports, and nonprint materials.

Availability: Online: DIALOG Information Services, Inc. (File 86); Knowledge Index (File PSYC2).

PsycINFO

Producer: American Psychological Association
Former Name: Psychological Abstracts Database
Type of Database: Bibliographic
File Size: 750,000 records
Timespan Covered: 1967 to the present
Update Frequency: Monthly
User Aids: "How to use Psychological Abstracts" - a videotape; Thesaurus of Psychological Index Terms, and a user's manual.

Database Description: Contains citations and nonevaluative abstracts of the world's literature dealing with psychology and related fields. Included is developmental psychology, communications, personality, and educational psychology. It should be noted that the CD-ROM version of PsycINFO, PsycLIT, does not include dissertations or technical reports, is updated less frequently, and covers from 1974 rather than from 1967.

Sources of Information: More than 1300 periodicals; technical reports, dissertations, and other sources.

Availability: Online: BRS Information Technologies, BRS/After Dark, BRS COLLEAGUE (File PSYC); Data-Star (File PSYC); DIALOG Information Services, Inc. (File 11); Knowledge Index (File PSYC1). CD-ROM: SilverPlatter Information, Inc. (PsycLit). Magnetic Tape:

Provider. NOTE: The CD-ROM version (PsycLIT) is updated quarterly, not monthly.

Print Counterparts: Psychological Abstracts (issued monthly with annual indexes), Cumulative Subject and Author Indexes to Psychological Abstracts, PsycSCAN: Clinical Psychology (quarterly), PsycSCAN: Developmental Psychology (quarterly), PsycSCAN: Applied Psychology (quarterly), PsycSCAN: LD/MR (quarterly), PsycSCAN: Applied Experimental an Engineering Psychology (quarterly). The database combines all these print sources into one place. However, the print version of Psychological Abstracts dates back to 1927, covering a greater timespan.

Social Sciences Index

Provider: H.W.Wilson Company
Type of Database: Bibliographic
File Size: 170,000 records
Timespan Covered: February 1983 to the present
Update Frequency: Twice weekly
User Aids: WILSONLINE Guide and Documentation - contains detailed descriptions of commands and features; searching tips; and a tutorial of the database.

Database Description: Indexes English-language periodical literature in all areas of the social sciences. Included is anthropology, Black studies, geography, health and medicine, psychology, urban studies, and women's studies.

Sources of Information: 350 periodical titles.

Availability: Online: WILSONLINE (File SSI). CD-ROM: WILSONDISC; The Faxon Company. Magnetic Tape: WILSONTAPE. NOTE: The CD-ROM version of Social Sciences Index is updated quarterly.

Print Counterpart: Social Sciences Index (quarterly with annual cumulations). The database is updated much more frequently. However, the print version extends back to 1907, covering a greater timespan.

Social SciSearch

Provider: Institute for Scientific Information (ISI)
Type of Database: Bibliographic
File Size: 2,170,000 records
Timespan Covered: 1972 to the present
Update Frequency: Weekly
User Aids: Social SciSearch User Guide (Available only with DIALOG version)

Database Description: Contains citations to international literature covering the social sciences discipline including area and ethnic group studies, communications, educational research,

geography, and psychology and psychiatry. Includes all references cited within a covered article.

Sources of Information: 1400 social science journals, and 3300 science journals.

Availability: Online: BRS Information Technologies, BRS/After Dark and BRS COLLEAGUE (File SSCI); Data-Star (File SSCI); DIALOG Information Services, Inc. (File 7). CD-Rom: Provider. NOTE: The CD-ROM version of Social Sciences Citation Index is updated quarterly.

Print Counterpart: Social Science Citation Index (issued twice yearly with annual and five-year cumulations). The database is updated more frequently and is easier to use than the print version.

Sociological Abstracts

Provider: Sociological Abstracts, Inc.
Type of Database: Bibliographic
File Size: 305,000
Timespan Covered: 1963 to the present
Update Frequency: Five times per year
User Aids: Thesaurus of Sociological Indexing Terms - available in print from the producer and online (DIALOG). Also available - a users manual containing online retrieval methods, a list of journals indexed and other pertinent information (from producer).

Database Description: Provides citations and nonevaluative abstracts of the worlds periodical literature in sociology and related disciplines in the social and behavioral sciences. Included is social psychology, sociology of education, group interactions, and sociology of knowledge.

Sources of Information: 1800 journal and serial titles plus selected monographs, conference reports, and case studies, book reviews, dissertations, and other miscellaneous documents.

Availability: Online: BRS Technologies, BRS/After Dark, BRS COLLEAGUE (File SOCA, SOCZ); DIALOG Information Services, Inc. (File 37); Knowledge Index (File SOSC1); Data-Star (File SOCA). CD-ROM: SilverPlatter Information, Inc. (Sociofile). NOTE: The CD-ROM version (Sociofile) is updated three times per year. The CD-ROM version only covers journal articles and dissertations. It is also updated less often than the online version and begins coverage in 1974, not 1967.

Print Counterpart: Sociological Abstracts (five per year with annual cumulative indexes). The print version covers a greater timespan: 1953 to the present.

Directory Sources

Educational Directory Online (EDOL)

Provider: Market Data Retrieval (MDR)
Former Name: Dun's Electronic Directory of Education; Electronic Directory of Education; Educational Database
Type of Database: Directory.
File Size: 137,800 records.
Timespan Covered: Current.
Update Frequency: Semiannual.
User Aids: Quick Reference Guide.

Database Description: Provides descriptive listings for more than 104,000 public and private schools, 15,000 school districts, 3500 colleges, and 15,000 public libraries in the US. Includes information on staff and special programs.

Sources of Information: Interviews with personnel at schools, school districts, and libraries.

Database Availability: Online: DIALOG Information Services, Inc. (File 511); Knowledge Index. (File EDUC6). Magnetic Tape: Provider.

SchoolMatch

Type of CD-ROM: Directory; full text
Provider: OCLC Online Computer Library Center
First Edition: 1989
Update Frequency: Annual

CD-ROM Description: Contains comparative current information on nearly 16,000 US public and private schools, domestic and international. Used as a research tool for relocating families, site selection firms, real estate firms, parents, and libraries. It is designed to help users analyze schools and communities. Options include mirror image, benchmark, report card, and search service features.

Availability: Provider.

Sources of Foreign Materials

British Education Index

Provider: University of Leeds, Brotherton Library
Type of Database: Bibliographic
File Size: 60,000 records
Timespan Covered: 1950 to the present (theses); 1976 to the present (journal articles)
Update Frequency: Quarterly
User Aids: British Education Index User's Guide

Database Description: Indexes British and selected English-language journal articles and theses accepted at U.K. and Irish universities and polytechnic schools dealing with all aspects of education, including primary, secondary, tertiary education. Also included is such topics as child psychology, delinquency and truancy, sociological perspectives, teacher training and assessment. Comprises two subfiles: British Education Index and British Education Theses Index.

Sources of Information: Journals articles, government reports and documents, proceedings, and theses.

Availability: Online: DIALOG Information Services, Inc. (File 121).

Print Counterpart: British Education Index (quarterly). British Education Theses Index (annual) - issued on microfiche. The database combines these two print sources into one place. Also the theses are updated more frequently on the database.

Canadian Education Index

Provider: Micromedia, Ltd.
Type of Database: Bibliographic
Language of Database: French and English
File Size: 24,000 records
Timespan Covered: 1976 to the present
Update Frequency: Three times per year

Database Description: Indexes Canadian French or English language periodicals, reports, research studies, theses, and monographs dealing with current education concerns across Canada.

Sources of Information: Canadian education journals and monographs; material from Canadian faculties of education, school boards, provincial departments of education, teachers' associations, and educational organizations.

Availability: Online: Info Globe. Magnetic Tape: Provider

Print Counterpart: Canadian Education Index/Repertoire Canadien sur l'Education (RCE) (issued three times per year with annual cumulations).

Ontario Education Resources Information System (ONTERIS)

Provider: Ontario Ministry of Education
Type of Database: Bibliographic
Language of Database: French and English
File Size: 18,000 records
Timespan Covered: 1974 to the present
Update Frequency: Three times per year

Database Description: Contains Ontario education documents and Canadian learning materials for elementary and secondary level curricula. These include education research documents, policy documents, curriculum guidelines, and print, nonprint, and software learning manuals for elementary and secondary education.

Sources of Information: Educational research documents; policy papers and reports; curriculum guidelines and support documents; conference papers; statistical analysis; literature reviews; educational software; and learning materials.

Availability: Online: BRS Information Technologies, BRS/After Dark, BRS COLLEAGUE (File ONED). CD-Rom: Micromedia Ltd. (CD:Education)

Assessment Sources

Educational Testing Database

Provider: Minnesota Department of Education
Type of CD-ROM: Full-text
First Edition: 1987
Update Frequency: Annual
Target Audience: Teachers and students of education

CD-ROM Description: Educational testing database currently covers four subject areas such as mathematics, social sciences, languages, science. Contains over 90,000 test questions, outcomes and objectives up to grade 12. Test items are indexed by subject allowing teachers to tailor their own tests.
Availability: Provider

ETS Test Collection

Provider: Educational Testing Service (ETS)
Type of Database: Bibliographic
File Size: 9000 records
Timespan Covered: 1950 to the present
Update Frequency: Quarterly

Database Description: Contains descriptions and availability information on more than 16,000 tests and assessment instruments for all grade levels and ages. Covers educational and psychological tests, including those which assess achievement, aptitude intelligence, attitudes and interests, personality, sensory-motor skills.

Sources of Information: Approximately 50 educational and psychological periodicals, 25 catalogs of major test publishers, brochures of small publishers and organizations, ERIC, newsletters from educational and information organizations, and other sources. The majority are from the United States, although limited coverage of foreign tests is provides.

Availability: Online: BRS Information Technologies, Inc., BRS/After Dark, BRS COLLEAGUE (File ETSF).

First National Item Bank and Test Development System

Provider: Tescor Inc.
Type of CD-ROM: Full-text; images
First Edition: 1989
Update Frequency: Biannual
Target Audience: Teachers and students of education

CD-ROM Description: Contains a system for producing, scoring and reporting tests to measure educational achievement in primary and secondary grades. Includes over 65,000 test questions covering several thousand educational objectives in 8 broad subject areas. Each item includes answer, graphics (if applicable), p-values, and Rasch-calibrations (if applicable), instructions to teachers, and source of item.

Availability: Provider

Mental Measurements Yearbook

Provider: University of Nebraska - Lincoln: Buros Institute of Mental Measurements
Type of Database: Full text
Timespan Covered: 1977 to the present (some coverage back to 1972)

Update Frequency: Monthly

Description of Database: Provides descriptions, critical reviews, reliability-validity information, and references for more than 1800 commercially published tests covering education, personality, vocational aptitude, and related areas such as personality, attitude, and achievement.

Availability: Online: BRS Information Technologies, BRS/After Dark (File MMYD).

Print Counterparts: Mental Measurements Yearbook (yearly), and Tests in Print. The database provides one place to find information. It is also updated more frequently. However, Mental Measurements Yearbook dates back to 1940, covering a greater timespan.

Participatory Sources

Education Roundtable

Provider: GE Information Services (GEIS)
Type of Database: Bulletin board.
Target Audience: Anyone interested in education can participate.

Database Description: Provides a forum enabling participants to exchange information and ideas on topics in education. Covers education at all levels, including preschool, primary, and secondary education. Features software libraries and real-time conferences.

Sources of Information: Roundtable participants.

Availability: Online: GEnie (General Electric Network for Information Exchange.)

Educational Research Forum

Provider: American Educational Research Association (AERA)
Type of Database: Full text; bulletin board

Database Description: Contains educational research in the following areas: administration; curriculum and studies; learning and instruction; measurement and research methodology; counseling and human development; social context of education; school evaluation and program development; teaching and teacher education. Covers reports from the American Educational Research Association's governmental-professional liaison, abstracts of published articles, listings of employment opportunities, and articles submitted by users. Also includes a message section, enabling users to share information.

Sources of Information: Reports from the American Educational Research Association's

governmental-professional liaison, articles from journals, and user input.
Availability: Online: CompuServe Information Service (File EDRESEARCH)

KIDSNET

Provider: KIDSNET
Type of Database: Directory; bulletin board
File Size: 5000 records
Timespan Covered: 1965 to the present
Update Frequency: Weekly
User Aids: User's Guide
Target Audience: Students, teachers

Database Description: Contains information on 5000 children's programs and public service announcements currently on public, commercial, cable, and syndicated radio and television stations. Maintains a bulletin board of projects and programs under development or in production and a calendar of upcoming events, publications, research, legislation, and awards competition.

Sources of Information: Program listings, descriptions, and catalogs.

Database Availability: Online: Provider.

INTERNET RESOURCES IN EDUCATION

There is no official list of resources on the Internet. New resources are added frequently as to make a printed list of resources out of date almost immediately. It is important to be familiar with how the Internet works and the commands that go along with it in order to use this guide. A good tool to learn about the Internet is The Whole Internet by Ed Krol. Not all the listings here are explained; there is little documentation on the lists and resources available.

Educational Leadership An experimental server of the ASCD publication Educational Leadership. Contains copyrighted articles from the last two years.
ACCESS VIA: WAIS ascd-education.src
INFORMATION: E-Mail bhughes@pc.maricopa.edu

ERIC Digests Archive Short reports of 1500 words or less, of interest to teachers, administrators, and others in the field of education. The reports are typically overviews on a given topic. Reports produced by the ERIC Clearinghouse.
ACCESS VIA: WAIS eric-archive.src; WAIS eric-digest.src

Federal Information Exchange An information liaison between various government agencies and the higher education community. Provides timely information on Federal education and research programs, scholarships and fellowships, surplus equipment, funding opportunities, and general information.
ACCESS VIA: telnet fedix.fie.com; login fedix

K-12 Network Management Planning Discussion
ACCESS VIA: listserv@ubvm.cc.buffalo.edu

KIDSNET This is the indexed archive of the Kidsnet mailing list. Kidsnet is a list to foster international networking for children and educators.
TO JOIN: Send a message to kidsnet-request@vms.cis.pitt.edu
ACCESS VIA: WAIS kidsnet.src

National Education Bulletin Board System A semi-closed system for NESP educators to discuss topics of interest to them. There is a public guest account, but it only provides limited access. Anyone in NESP can request an account.
ACCESS VIA: telnet nebbs.nersc.gov; login guest

News Groups k-12.ed.[art, business, comp.literacy, health-pe, life-skills, math, music, science, soc-studies, special, tag, tech] By joining a news group, you can interact with others on the topic and be brought up to date on new resources or lists.

TAG-L e Conference A forum for discussion about talented and gifted education; programs, resources, research, etc.
ACCESS VIA: listserv@vm1.nodak.edu

EDUCATION JOURNALS ONLINE

A list of journals in education that exist in full text online.

Children Today: BRS Technologies (file MAGS); Data-Star (file MAGS); Dialog (file 647).

Classroom Computer Learning: Data-Star (file MAGS); Dialog (file 647).

Education Computer News: Data-Star (file PTBN); Dialog (file 636).

Education Daily: NewsNet (file ED08).

Electronic Learning: BRS Technologies (file MAGS); Data-Star (files CMPT, MAGS); Dialog (files 647,675).

Microcomputers in Education: NewsNet (file EC59).

Multimedia and Videodisk Monitor (Former Name: Videodisk Monitor): Data-Star (file PTBN); Dialog (file 636); NewsNet (file EC70).

NEA Today: BRS Technologies (files MAGS, TSAP); Data-Star (files INDY, MAGS); Dialog (files 647, 648).

School Arts: BRS Technologies (file TSAP); Data-Star (file INDY); Dialog (file 648).

THE Journal: Data-Star (file CMPT); Dialog (file 675).

Technology and Learning: Data-Star (file CMPT); Dialog (file 675).

DATABASE PROVIDERS

Access Innovations, Inc
National Center for Media (NICEM)
P.O. Box 40130
Albuquerque,NM 87196
(505)265-3591

American Educational Research Assoc.
1230 17th St., N.W.
Washington, DC 20036
(202)223-9485

American Psychological Association
1400 N. Uhle St.
Arlington, Va 22201
(703)247-7829

Capitol Publications, Inc.
P.O. Box 1453
Alexandria, VA 22313-2053
(703)683-4100

Council for Exceptional Children
Department of Information Services
1920 Association Dr.
Reston, VA 22091
(703)620-3660

Custom Publishing Services
85 Beach St.
Westerly, RI 02891
(401)596-6080

Educational Testing Service
Carter Rd.
Princeton, NJ 08541
(609)734-5737

FormatPC Ltd.
Goods Wharf
Goods Rd.
Belper, Derby DE5 1UU England
44-773-820011

GE Information Services
GEnie
401 N. Washington Blvd.
Rockville, MD. 20850
(301)340-4000

H.W. Wilson Co.
950 University Ave.
Bronx, NY 10452
(212)588-8400

IFI/Plenum Data Corp.
302 Swan Ave.
Alexandria, VA 22301
(703)683-1085

Institute for Scientific Info.
3501 Market St.
Philadelphia, PA 19104
(215)386-0100

International Archives Institute
105-B Douglas Ct.
Sterling, VA 22170
(800)833-3627

KIDSNET
6856 Eastern Ave. N.W.
Washington, DC 20012
(202)291-1400

Market Data Retrieval
16 Progress Dr.
Shelton, CT 06484-2117
(203)926-4800

Micromedia Ltd.
20 Victoria St.
Toronto, ON, Canada
M5C 2N8
(416)362-5211

Minnesota Department of Education
725 Capitol Sq. Bldg.
555 Cedar St.
St. Paul, MN 55101
(612)296-5078

National Clearinghouse for Bilingual Education
1118 22nd St., N.W.
Washington, DC 20031
(202)467-0867

OCLC Online Computer Library Center, Inc.
6565 Frantz Rd.
Dublin, OH 43017
(614)764-6000

Ontario Ministry of Education
Centre for Curriculum Resources and Technologies
Mowat Block, 24th fl.
Queen's Park
Toronto, ON Canada M7A 1L2
(416)965-4110

Pergamon Press
Irwin House
118 Southwark St.
London SE1 0SW
England
44-1-928-1404

R.R. Bowker Co.
121 Chanlon Rd.
New Providence, NJ 07974
(908)464-6800

Sociological Abstracts, Inc.
P.O. Box 22206
San Diego, CA 92192
(619)695-8803

Tescor, Inc.
461 Carlisle Dr.
Herndon, VA 22070
(800)842-0077

University of Florida
Room 202 Norman Hall
Gainesville, FL 32611
(904)392-0761

University of Leeds
Brotherton Library
Leeds LS2 9JT, England
0532-335524

University of Nebraska
Buros Institute of
Mental Measurements
135 Bancroft Hall
Lincoln, NE 68588-0348
(402)472-6203

US Department of Education
Office of Educational Research
and Improvement
Educational Resources
Information Center (ERIC)
555 New Jersey Ave., N.W.
Washington, DC 20208
(202)219-1289

US National Center on Child
Abuse and Neglect
P.O. Box 1182
Washington, DC 20013
(703)821-2086

LIST OF VENDORS

Bowker Electronic Publishing
121 Chanlon Rd.
New Providence, NJ 07974
(800)323-3288

BRS Information Technologies
8000 Westpark Dr.
McLean, VA 22102
(703)442-0900

CompuServe Information Service
5000 Arlington Blvd.
P.O. Box 20212
Columbus, OH 43220
(614)457-8600

DATA-STAR
Plaza Suite
114 Jermyn St.
London SW1Y 6HJ, England
071-930-5503

DIALOG Information Services
3460 Hillview Ave.
Palo Alto, CA 94304
(800)334-2564

The Faxon Company
15 Southwest Park
Westwood, MA 02090
(800)766-0039

GEnie
401 N. Washington Blvd.
Rockville, MD 20850
(301)340-4000

KIDSNET
6856 Eastern Ave, N.W. Room 208
Washington, DC 20012
(202)291-1400

Micromedia Ltd.
20 Victoria St.
Toronto, ON Canada M5C 2N8
(416)362-5211

NewsNet, Inc.
945 Haverford Rd.
Bryn Mawr, PA 19010
(800)345-1301

OCLC
6565 Frantz Rd.
Dublin, OH 43017
(800)848-5878

SilverPlatter Information Inc.
1 Newton Executive Park
Newton Lower Falls,
MA 02162
(800)343-0064

WILSONLINE
950 University Ave.
Bronx, NY 10452
(800)367-6770

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Online:

Dialog Information Services, Inc. File 230 Computer Readable Databases (Provider: Gale Research, Inc.)

CD-ROM:

CD-ROM Directory (5th ed.), 1991

Print:

Desmarais, Norman, comp. (1991). CD-ROMS in Print. Westport, CT: Meckler Publishing

Krol, Ed. (1992). The Whole Internet. Sebastopol, CA: O'Reilly and Associates, Inc.

Marcaccio, K.Y. (1992). Directory of Online Databases. Detroit, MI: Gale Research, Inc.

Orenstein, R., ed. (1992). Full Text Sources Online. Needham Heights, MA: BiblioData

Rogers, M. (1992). Book index database (Monographs in Education compiles back-of-the-book indexes). Library Journal, 117 (5), 26

Strangelove, M. and Kovacs, D. (1992). Directory of Electronic Journal, Newsletters, and Academic Discussion Lists. (2nd ed.). Washington, DC: Association of Research Libraries.

For further reading and assessment:

Cawkell, A.E. (1989). Automatic indexing in the Science and Social Science Citaiton Index CD-ROM. The Electronic Library, 7, 345-50.

Guilbeault-Chong, D. and Nicolson, L. (1989). Making learning materials accessible (subject access to learning materials with specific reference to one educational database - ONTERIS). The Canadian Journal of Information Science. 14, 44-55.

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Johnstone, J.C. (1985). Second look: AV Online - an early file revitalized. Database, 8, 55-58.

McCain, K., White, H. and Griffith, B.C. (1987). Comparing retrieval performance in online databases (MEDLINE, EXCERPTA MEDICA, PSYCINFO, SCISEARCH, and SOCIAL SCISEARCH). Information Processing and Management, 23, (6), 539-53.

McLellan, H. (1990). Introduction to CD-ROM and the science education lesson plan archive (Science Helper). Ohio Media Spectrum, 42, 28-31.

Nahl-Jakobovits, D. and Tenopir, C. (1992). Databases online and on CD-ROM: how do they differ, let us count the ways (Psychological Abstracts and Sociological Abstracts). Database, 15, 42-50.

New compact disc database to provide comparisons on shcool choices (SchoolMatch database). (1989). Ohio Libraries, 2, 11.

Plum, S. (1988). Social science index, compact disc format [and] WILSONDISC. Choice, 25, 1072+.

Social sciences citation index on CD. (1989). Technicalities, 9, 2.

Urrows, H. and Urrows, E. (1990). The International Encyclopaedia of Education, CD-ROM. CD-ROM Librarian, 5, 22+.

Voedisch, V. (1989). School daze? (SchoolMatch on CD-ROM) OCLC Micro, 5, 11-13.